



Recombinant Human CCAAT/enhancer-binding protein epsilon (CEBPE)

Product Code	CSB-MP618016HU
Abbreviation	CEBPE
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q15744
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MSHGTYYECE PRGGQQPLEF SGGRAGPGEL GDMCEHEASI DLSAYIESGE EQLLSDFAV KPAPEARGLK GPGTPAFPHY LPPDPRPFAY PPHTFGPDRK ALGPGIYSSP GSYDPRAVAV KEEPRGPEGS RAASRGSYNP LQYQVAHCGQ TAMHLPPTLA APGQPLRVLK APLATAAPPC SPLLKAPSPA GPLHKGKKAV NKDSLEYRLR RERNNI AVRK SRDKAKRRIL ETQQKVLEYM AENERLRSRV EQLTQELDTL RNLFRQIPEA ANLIKGVGGC S
Source	Mammalian cell
Target Names	CEBPE
Protein Names	Recommended name: CCAAT/enhancer-binding protein epsilon Short name=C/EBP epsilon
Expression Region	1-281
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein is a bZIP transcription factor which can bind as a homodimer to certain DNA regulatory regions. It can also form heterodimers with the related protein CEBP-delta. The encoded protein may be essential for terminal differentiation and functional maturation of committed granulocyte progenitor cells. Mutations in this gene have been associated with Specific Granule Deficiency, a rare congenital disorder. Multiple variants of this gene have been described, but the full-length nature of only one has been determined.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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